



GP 2871
#1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

MARTIN J. EDWARDS

Serial No. 09/614,154

Filed: JULY 11, 2000

Title: ACTIVE MATRIX ARRAY DEVICES
Honorable Commissioner for Patents
Washington, D.C. 20231



Atty. Docket

PHB 34.365

Group Art Unit: 2871

Examiner:

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Technology Center 2600

TC 2800 MAIL ROOM

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LETTER

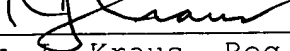
Sir:

Pursuant to the duty of disclosure set forth in 37 CFR 1.56, Applicant calls to the attention of the Patent and Trademark Office a Search Report issued abroad in reference to a corresponding foreign application. A copy of the Search Report dated November 24, 2000 is attached.

The enclosed document is being called to the attention of the Patent and Trademark Office solely to comply with the duty of disclosure set forth in 37 CFR 1.56 and is not intended to be construed as an admission by the Applicants that any of the documents listed is material.

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner of Patents and Trademarks Washington, D.C. 20231
Date: <u>December 22, 2000</u>
By: <u>Elissa DeLucy</u>

Respectfully submitted,

By 
Robert J. Kraus, Reg. 26,358
Attorney
(914) 333-9634
Encl. Search Report

PATENT COOPERATION TREATY

23 NOV 2000

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION

(PCT Rule 44.1)

To: INTERNATIONAAL OCTROOIBUREAU B.V. Attn. WILLIAMSON, Paul L. Prof. Holstlaan 6 NL-5656 AA Eindhoven NETHERLANDS <div style="text-align: center; font-size: 1.5em; margin-top: 20px;">WILL</div>
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Date of mailing (day/month/year)	24/11/2000
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Applicant's or agent's file reference PHB 34.365W0	FOR FURTHER ACTION See paragraphs 1 and 4 below
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International application No. PCT/EP 00/06982	International filing date (day/month/year)	19/07/2000
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Applicant KONINKLIJKE PHILIPS ELECTRONICS N.V.

1. ☒ The applicant is hereby notified that the International Search Report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO
 34, chemin des Colombettes
 1211 Geneva 20, Switzerland
 Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no International Search Report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.


☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

Within **19 months** from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within **20 months** from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the International Searching Authority <div style="text-align: center;">  </div> European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Ahmed Soliman
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PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PHB 34.365W0	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 00/ 06982	International filing date (day/month/year) 19/07/2000	(Earliest) Priority Date (day/month/year) 29/07/1999
Applicant KONINKLIJKE PHILIPS ELECTRONICS N.V.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

ACTIVE MATRIX ARRAY DEVICES WITH REDUCED NON UNIFORMITIES ACROSS MULTIPLEXED ELECTRODE GROUPS

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

4

☒ as suggested by the applicant.

☐ None of the figures.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 00/06982

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G09G3/36 H04N5/217

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G09G H04N G11C G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 376 841 A (ITAKURA ET AL.) 27 December 1994 (1994-12-27) see abstract column 1, line 60 -column 3, line 5 column 9, line 15 - line 56; figures 30-32 column 11, line 54 -column 13, line 24; figure 37 column 14, line 41 -column 15, line 49; figure 44 column 16, line 54 -column 17, line 66; figures 49-51 column 18, line 51 -column 19, line 38; figures 54A-56</p> <p style="text-align: center;">--- -/--</p>	1,4,6

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

17 November 2000

Date of mailing of the international search report

24/11/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Corsi, F

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 585 666 A (IMAMURA) 17 December 1996 (1996-12-17) column 1, line 15 -column 2, line 38; figures 9,10 column 5, line 54 -column 7, line 13; figure 1 ----	1-4
A	US 5 113 181 A (INOUE ET AL.) 12 May 1992 (1992-05-12) see abstract column 1, line 12 - line 22 column 3, line 49 -column 4, line 38; figures 1-4,18 column 5, line 15 - line 37; figures 5,6 column 8, line 62 -column 9, line 1 column 9, line 46 - line 56; figure 8 column 10, line 12 - line 24 ----	1
A	US 5 325 442 A (KNAPP) 28 June 1994 (1994-06-28) cited in the application see abstract column 5, line 37 -column 6, line 12; figures 1,2 column 7, line 66 -column 8, line 16; figures 5A,5B -----	7,8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 00/06982

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5376841 A	27-12-1994	DE 69029933 D	27-03-1997
		DE 69029933 T	14-08-1997
		DE 69033468 D	30-03-2000
		DE 69033468 T	03-08-2000
		EP 0438927 A	31-07-1991
		EP 0741391 A	06-11-1996
		JP 4212794 A	04-08-1992
		KR 9402810 B	02-04-1994
		US 5343089 A	30-08-1994
		US 5162670 A	10-11-1992
US 5585666 A	17-12-1996	WO 9116656 A	31-10-1991
US 5113181 A	12-05-1992	JP 6068673 B	31-08-1994
		JP 62198898 A	02-09-1987
		DE 3750855 D	26-01-1995
		DE 3750855 T	24-05-1995
		EP 0238867 A	30-09-1987
		ES 2064306 T	01-02-1995
		JP 2715298 B	18-02-1998
		JP 62275296 A	30-11-1987
US 5325442 A	28-06-1994	GB 2244164 A	20-11-1991
		DE 69115558 D	01-02-1996
		DE 69115558 T	01-08-1996
		EP 0457398 A	21-11-1991
		JP 3007714 B	07-02-2000
		JP 4231803 A	20-08-1992